```
RRRRRRRRRRR      UUU          UUU  NNN          NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN          NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN          NNN     000000000     FFFFFFFFFFFFFFF  FFFFFFFFFFFFFFF
RRR          RRR UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR          RRR UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR          RRR UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR          RRR UUU          UUU  NNNNNN       NNN  000         000  FFF              FFF
RRR          RRR UUU          UUU  NNNNNN       NNN  000         000  FFF              FFF
RRR          RRR UUU          UUU  NNNNNN       NNN  000         000  FFF              FFF
RRRRRRRRRRRR     UUU          UUU  NNN  NNN     NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN  NNN     NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN  NNN     NNN  000         000  FFFFFFFFFFFF     FFFFFFFFFFFF
RRR    RRR       UUU          UUU  NNN       NNNNNN  000         000  FFF              FFF
RRR    RRR       UUU          UUU  NNN       NNNNNN  000         000  FFF              FFF
RRR    RRR       UUU          UUU  NNN       NNNNNN  000         000  FFF              FFF
RRR       RRR    UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR       RRR    UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR       RRR    UUU          UUU  NNN          NNN  000         000  FFF              FFF
RRR          RRR UUUUUUUUUUUUUUU  NNN          NNN     000000000     FFF              FFF
RRR          RRR UUUUUUUUUUUUUUU  NNN          NNN     000000000     FFF              FFF
RRR          RRR UUUUUUUUUUUUUUU  NNN          NNN     000000000     FFF              FFF
RRR          RRR UUUUUUUUUUUUUUU  NNN          NNN     000000000     FFF              FFF
RRR          RRR UUUUUUUUUUUUUUU  NNN          NNN     000000000     FFF              FFF
```

```
_$2

Sym
---
NDX
NDX
NUM
NUM
OPE
OUT
PAC
PAC
PAC
PAC
PAC
PAC
PAC
PAD
PAG
PAG
PAG
PAG
PAG
PAG
PAG
PER
PUT
RCO
RIN

RLI
RNO
RNO
RTY
SAV
STR
STR
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```

```
BBBBBBBB      OOOOOO    TTTTTTTTTT  PPPPPPPP      AAAAAA      GGGGGGGG
BBBBBBBB      OOOOOO    TTTTTTTTTT  PPPPPPPP      AAAAAA      GGGGGGGG
BB      BB  OO      OO      TT      PP      PP  AA      AA  GG
BB      BB  OO      OO      TT      PP      PP  AA      AA  GG
BB      BB  OO      OO      TT      PP      PP  AA      AA  GG
BB      BB  OO      OO      TT      PP      PP  AA      AA  GG
BBBBBBBB    OO      OO      TT      PPPPPPPP    AA      AA  GG
BBBBBBBB    OO      OO      TT      PPPPPPPP    AA      AA  GG
BB      BB  OO      OO      TT      PP          AAAAAAAAAA  GG  GGGGGG
BB      BB  OO      OO      TT      PP          AAAAAAAAAA  GG  GGGGGG
BB      BB  OO      OO      TT      PP          AA      AA  GG      GG
BB      BB  OO      OO      TT      PP          AA      AA  GG      GG
BBBBBBBB      OOOOOO        TT      PP          AA      AA    GGGGGG
BBBBBBBB      OOOOOO        TT      PP          AA      AA    GGGGGG

LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
;       1          0001  0 MODULE BOTPAG (                                      !
;       2          0002  0                 IDENT = 'V04-000'
;       3        P 0003  0 %BLISS32[,
;       4        P 0004  0         ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)
;       5          0005  0         ]
;       6          0006  0                 ) =
;       7          0007  1 BEGIN
;       8          0008  1 !
;       9          0009  1 !**************************************************************************************
;      10          0010  1 !*                                                                                    *
;      11          0011  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                           *
;      12          0012  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                             *
;      13          0013  1 !*  ALL RIGHTS RESERVED.                                                               *
;      14          0014  1 !*                                                                                    *
;      15          0015  1 !*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED               *
;      16          0016  1 !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE              *
;      17          0017  1 !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER               *
;      18          0018  1 !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY               *
;      19          0019  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY               *
;      20          0020  1 !*  TRANSFERRED.                                                                       *
;      21          0021  1 !*                                                                                    *
;      22          0022  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE               *
;      23          0023  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT               *
;      24          0024  1 !*  CORPORATION.                                                                       *
;      25          0025  1 !*                                                                                    *
;      26          0026  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS              *
;      27          0027  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                            *
;      28          0028  1 !*                                                                                    *
;      29          0029  1 !*                                                                                    *
;      30          0030  1 !**************************************************************************************
;      31          0031  1 !
;      32          0032  1 !++
;      33          0033  1 ! FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS
;      34          0034  1 !
;      35          0035  1 ! ABSTRACT: Finishes that part of a page which occurs below the footnotes.
;      36          0036  1 !
;      37          0037  1 !
;      38          0038  1 ! ENVIRONMENT: Transportable
;      39          0039  1 !
;      40          0040  1 ! AUTHOR: Rich Friday    CREATION DATE: 6 November, 1981
;      41          0041  1 !
```

```
;    43          0042  1 %SBTTL 'Revision History'
;    44          0043  1 !
;    45          0044  1 ! MODIFIED BY:
;    46          0045  1 !
;    47          0046  1 !       003     KFA00003        Ken Alden       07-Mar-1983
;    48          0047  1 !               Global edit of all modules. Updated module names, idents,
;    49          0048  1 !               copyright dates. Changed require files to BLISS library.
;    50          0049  1 !
;    51          0050  1 !--
```

```
;    53          0051  1 %SBTTL 'Module Level Declarations'
;    54          0052  1
;    55          0053  1 !
;    56          0054  1 ! TABLE OF CONTENTS:
;    57          0055  1 !
;    58          0056  1 FORWARD ROUTINE
;    59          0057  1     BOTPAG : NOVALUE,
;    60          0058  1     CPAGEB : NOVALUE;
;    61          0059  1 !
;    62          0060  1 ! INCLUDE FILES:
;    63          0061  1 !
;    64          0062  1
;    65          0063  1 LIBRARY 'NXPORT:XPORT';                 ! XPORT Library
;    66          0064  1 REQUIRE 'REQ:RNODEF';                   ! RUNOFF variant definitions
;    67          0195  1
;    68        U 0196  1 %IF DSRPLUS %THEN
;    69        U 0197  1 LIBRARY 'REQ:DPLLIB';                   ! DSRPLUS BLISS Library
;    70          0198  1 %ELSE
;    71          0199  1 LIBRARY 'REQ:DSRLIB';                   ! DSR BLISS Library
;    72          0200  1 %FI
;    73          0201  1
;    74          0202  1 !
;    75          0203  1 ! MACROS:
;    76          0204  1 !
;    77          0205  1 ! This macro makes certain that when blank lines at the top or bottom of a page
;    78          0206  1 ! are skipped change bars don't get output.
;    79          0207  1 MACRO
;    80        M 0208  1     NO_BAR_SKIP (N) =
;    81        M 0209  1         BEGIN
;    82        M 0210  1         LOCAL
;    83        M 0211  1             HOLD_BARS;
;    84        M 0212  1         HOLD_BARS = .TSF_BARS;
;    85        M 0213  1         TSF_BARS = FALSE;
;    86        M 0214  1         USKIPL (N);
;    87        M 0215  1         TSF_BARS = .HOLD_BARS;
;    88          0216  1         END                             %;
;    89          0217  1 !
;    90          0218  1 ! EQUATED SYMBOLS:
;    91          0219  1 !
;    92          0220  1
;    93          0221  1 !
;    94          0222  1 ! OWN STORAGE:
;    95          0223  1 !
;    96          0224  1 !
;    97          0225  1 ! EXTERNAL REFERENCES:
;    98          0226  1 !
;    99          0227  1
;   100          0228  1 EXTERNAL
;   101          0229  1     GCA : GCA_DEFINITION,
;   102          0230  1     HCT : HCT_DEFINITION,
;   103          0231  1     PAGEN : PAGE_DEFINITION,
;   104          0232  1     PHAN : PHAN_DEFINITION,
;   105          0233  1     TPAGER : BLOCKVECTOR [1,PAGE_SCT_SIZE],     !List of terminating pages.
;   106          0234  1     TSF : TSF_DEFINITION;
;   107          0235  1
;   108          0236  1 EXTERNAL ROUTINE
;   109          0237  1     OUTTXT,
```

```
;  110     0238  1     PACBAS,
;  111     0239  1     PACPAG,
;  112     0240  1     PAGFND,
;  113     0241  1     USKIPL;
;  114     0242  1
```

```
;  116     0243  1 GLOBAL ROUTINE BOTPAG : NOVALUE =
;  117     0244  1
;  118     0245  1 !++
;  119     0246  1 ! FUNCTIONAL DESCRIPTION:
;  120     0247  1 !
;  121     0248  1 !       See ABSTRACT, above.
;  122     0249  1 !
;  123     0250  1 ! FORMAL PARAMETERS:     None
;  124     0251  1 !
;  125     0252  1 ! IMPLICIT INPUTS:       None
;  126     0253  1 !
;  127     0254  1 ! IMPLICIT OUTPUTS:      None
;  128     0255  1 !
;  129     0256  1 ! ROUTINE VALUE:
;  130     0257  1 ! COMPLETION CODES:      None
;  131     0258  1 !
;  132     0259  1 ! SIDE EFFECTS: None
;  133     0260  1 !
;  134     0261  1 !--
;  135     0262  1
;  136     0263  2     BEGIN
;  137     0264  2
;  138     0265  2     !Output and center page number at bottom of page if
;  139     0266  2     !the user has specified that page layout.
;  140     0267  2     IF                                                  !
;  141     0268  3         (.HCT_LAYOUTN NEQ 0)
;  142     0269  3         AND (.PHAN_LINES_TP NEQ 0)                      !There must be something on the page.
;  143     0270  2     THEN
;  144     0271  2         CPAGEB ();
;  145     0272  2
;  146     0273  2     !We've just finished the bottom of a page.  And we know how many
;  147     0274  2     !lines it contains.  At this point we need to remember exactly how many
;  148     0275  2     !physical lines were written so that /SIMULATE can get to the top of
;  149     0276  2     !the next page later.  Note that we can't simply go there because we
;  150     0277  2     !may be skipping pages due to a /PAGES switch;  that means that
;  151     0278  2     !the next physical page might not occur until several pages later,
;  152     0279  2     !if it occurs at all.
;  153     0280  2     IF                                                  !
;  154     0281  2         NOT .GCA_SKIP_OUT
;  155     0282  2     THEN
;  156     0283  2         PHAN_BOTTOM = .PHAN_LINES_TP;                   !Save current count.
;  157     0284  2
;  158     0285  2     !If currently generating output, but there is a list of
;  159     0286  2     !pages to be output, see if the page just finished terminates
;  160     0287  2     !a particular list of pages.  If so, turn off output.
;  161     0288  2     IF!
;  162     0289  2         .GCA_ORANGE_CNT NEQ 0
;  163     0290  2     THEN
;  164     0291  2         IF!
;  165     0292  2             NOT .GCA_SKIP_OUT
;  166     0293  2         THEN
;  167     0294  2         !See if output should be turned off right now.
;  168     0295  2             GCA_SKIP_OUT = (PAGFND(PAGEN,TPAGER,.GCA_ORANGE_CNT, FALSE) NEQ 0);
;  169     0296  2
;  170     0297  1     END;                                                !End of BOTPAG
```

```
                                                        .TITLE  BOTPAG
                                                        .IDENT  \V04-000\

                                                        .EXTRN  GCA, HCT, PAGEN
                                                        .EXTRN  PHAN, TPAGER, TSF
                                                        .EXTRN  OUTTXT, PACBAS, PACPAG
                                                        .EXTRN  PAGFND, USKIPL

                                                        .PSECT  $CODE$,NOWRT,2

                                    000C 00000          .ENTRY  BOTPAG, Save R2,R3                      ; 0243
                 53 00000000G   EF   9E 00002           MOVAB   PHAN+12, R3                             ;
                 52 00000000G   EF   9E 00009           MOVAB   GCA+112, R2                             ;
                    00000000G   EF   D5 00010           TSTL    HCT+32                                  ; 0268
                                0B   13 00016           BEQL    1$                                      ;
                                63   D5 00018           TSTL    PHAN+12                                 ; 0269
                                07   13 0001A           BEQL    1$                                      ;
          00000000V EF              00   FB 0001C           CALLS   #0, CPAGEB                          ; 0271
                    04              62   E8 00023 1$:       BLBS    GCA+112, 2$                         ; 0281
                 2C A3              63   D0 00026           MOVL    PHAN+12, PHAN+56                    ; 0283
                    50          FC  A2   D0 0002A 2$:       MOVL    GCA+108, R0                         ; 0289
                                25   13 0002E           BEQL    4$                                      ;
                    22              62   E8 00030           BLBS    GCA+112, 4$                         ; 0292
                                7E   D4 00033           CLRL    -(SP)                                   ; 0295
                                50   DD 00035           PUSHL   R0                                      ;
                    00000000G   EF   9F 00037           PUSHAB  TPAGER                                  ;
                    00000000G   EF   9F 0003D           PUSHAB  PAGEN                                   ;
          00000000G EF              04   FB 00043           CALLS   #4, PAGFND                          ;
                                51   D4 0004A           CLRL    R1                                      ;
                                50   D5 0004C           TSTL    R0                                      ;
                                02   13 0004E           BEQL    3$                                      ;
                                51   D6 00050           INCL    R1                                      ;
                    62              51   D0 00052 3$:       MOVL    R1, GCA+112                         ;
                                    04 00055 4$:       RET                                             ; 0297

; Routine Size:  86 bytes,    Routine Base:  $CODE$ + 0000
```

```
;  172     0298  1 GLOBAL ROUTINE CPAGEB :NOVALUE =          !
;  173     0299  1
;  174     0300  1 !++
;  175     0301  1 ! FUNCTIONAL DESCRIPTION:
;  176     0302  1 !
;  177     0303  1 !       This routine centers and outputs the page number at the bottom of the
;  178     0304  1 !       page.
;  179     0305  1 !
;  180     0306  1 ! FORMAL PARAMETERS:    None
;  181     0307  1 !
;  182     0308  1 ! IMPLICIT INPUTS:      None
;  183     0309  1 !
;  184     0310  1 ! IMPLICIT OUTPUTS:     None
;  185     0311  1 !
;  186     0312  1 ! ROUTINE VALUE:
;  187     0313  1 ! COMPLETION CODES:     None
;  188     0314  1 !
;  189     0315  1 ! SIDE EFFECTS: None
;  190     0316  1 !
;  191     0317  1 !--
;  192     0318  1
;  193     0319  2     BEGIN
;  194     0320  2
;  195     0321  2     LOCAL
;  196     0322  2         HOLD_TOP_PAGE,
;  197     0323  2         HOLD_PAGING;
;  198     0324  2
;  199     0325  2     !If the user doesn't want page numbers then just return.  This
;  200     0326  2     !means that if he says .NO NUMBER, but says to center the page number
;  201     0327  2     !at the bottom, he still gets the white space.
;  202     0328  3     IF  (NOT .HCT_NUMBER_PAGE)                  !
;  203     0329  3         AND (.HCT_LAYOUT NEQ LAYOUT_RUN_BOTC)   !Generate the number if user wants running page numbers
;  204     0330  2     THEN
;  205     0331  2         RETURN;
;  206     0332  2
;  207     0333  2     !Turn off paging so a new page is not accidentally started.
;  208     0334  2     HOLD_PAGING = .PHAN_PAGING;
;  209     0335  2     HOLD_TOP_PAGE = .PHAN_TOP_PAGE;
;  210     0336  2     PHAN_PAGING = FALSE;
;  211     0337  2     PHAN_TOP_PAGE = FALSE;
;  212     0338  2
;  213     0339  2     !Position down to fill all lines except line where the page number goes.
;  214     0340  2     NO_BAR_SKIP (.PHAN_LLINES - (1 + .PHAN_LINES_TP));
;  215     0341  2
;  216     0342  2     !Now generate the page number in a temporary buffer.
;  217     0343  3     BEGIN
;  218     0344  3     LOCAL
;  219     0345  3         WORK_AREA : VECTOR[CH$ALLOCATION(100)],
;  220     0346  3         WORK_LENGTH,
;  221     0347  3         WORK_PTR;
;  222     0348  3
;  223     0349  3     WORK_PTR = CH$PTR (WORK_AREA);
;  224     0350  3
;  225     0351  3      !Generate either the running page number between a dash-space combination,
;  226     0352  3      !or the regular page number.
;  227     0353  3     IF  .HCT_LAYOUT EQL LAYOUT_RUN_BOTC
;  228     0354  3     THEN
```

```
;  229          0355  3          !User wants a running page number output.
;  230          0356  4          BEGIN
;  231          0357  4          !First generate "- " (dash space)
;  232          0358  4          CH$WCHAR_A (%C'-', WORK_PTR);
;  233          0359  4          CH$WCHAR_A (%C' ', WORK_PTR);
;  234          0360  4          WORK_LENGTH = 2;
;  235          0361  4          !Now insert the running page counter.
;  236          0362  4          WORK_LENGTH = .WORK_LENGTH + PACBAS (.PAGEN [SCT_RUN_PAGE], WORK_PTR, 10);
;  237          0363  4          !Now follow with " -" (space dash)
;  238          0364  4          CH$WCHAR_A (%C' ', WORK_PTR);
;  239          0365  4          CH$WCHAR_A (%C'-', WORK_PTR);
;  240          0366  4          WORK_LENGTH = .WORK_LENGTH + 2;
;  241          0367  4          END
;  242          0368  3      ELSE
;  243          0369  3          !Center the normal page number at the bottom.
;  244          0370  3          WORK_LENGTH = PACPAG (PAGEN, WORK_PTR); !Convert page number and get length.
;  245          0371  3
;  246          0372  3      !Finally, output the page number, centered.
;  247          0373  3      OUTTXT (CH$PTR(WORK_AREA), .WORK_LENGTH,.GCA_LWIDTH);
;  248          0374  2      END;
;  249          0375  2
;  250          0376  2      !Now restore the paging status and return.
;  251          0377  2      PHAN_PAGING = .HOLD_PAGING;
;  252          0378  2      PHAN_TOP_PAGE = .HOLD_TOP_PAGE;
;  253          0379  1      END;                                !End of CPAGEB


                                        00FC 00000          .ENTRY  CPAGEB, Save R2,R3,R4,R5,R6,R7                  ; 0298
                                57 00000000G   EF   9E 00002        MOVAB   TSF, R7                                 ;
                                56 00000000G   EF   9E 00009        MOVAB   HCT+28, R6                              ;
                                55 00000000G   EF   9E 00010        MOVAB   PHAN+40, R5                             ;
                                5E       98    AE   9E 00017        MOVAB   -104(SP), SP                            ;
                                06       F0    B6   E8 0001B        BLBS    @HCT+12, 1$                             ; 0328
                                03             66   D1 0001F        CMPL    HCT+28, #3                              ; 0329
                                               01   13 00022        BEQL    1$                                      ;
                                                    04 00024        RET                                             ;
                                53       00    B5   D0 00025 1$:    MOVL    @PHAN+40, HOLD_PAGING                   ; 0334
                                54       D8    A5   D0 00029        MOVL    PHAN, HOLD_TOP_PAGE                     ; 0335
                                         00    B5   D4 0002D        CLRL    @PHAN+40                                ; 0336
                                         D8    A5   D4 00030        CLRL    PHAN                                    ; 0337
                                50             67   D0 00033        MOVL    TSF, R0                                 ; 0340
      52        7C   A0                01   00   EF 00036        EXTZV   #0, #1, 124(R0), HOLD_BARS                      ;
                           7C   A0          01   8A 0003C        BICB2   #1, 124(R0)                                     ;
                     50    DC   B5    E4   A5   C3 00040        SUBL3   PHAN+12, @PHAN+4, R0                            ;
                                    FF   A0   9F 00046        PUSHAB  -1(R0)                                          ;
                          00000000G   EF        01   FB 00049        CALLS   #1, USKIPL                              ;
                                50             67   D0 00050        MOVL    TSF, R0                                 ;
7C    A0                  01                   00   52   F0 00053        INSV    HOLD_BARS, #0, #1, 124(R0)              ;
                                6E       04    AE   9E 00059        MOVAB   WORK_AREA, WORK_PTR                     ; 0349
                                03             66   D1 0005D        CMPL    HCT+28, #3                              ; 0353
                                               36   12 00060        BNEQ    2$                                      ;
                           00   BE              2D   90 00062        MOVB    #45, @WORK_PTR                          ; 0358
                                               6E   D6 00066        INCL    WORK_PTR                                ;
                           00   BE              20   90 00068        MOVB    #32, @WORK_PTR                          ; 0359
```

```
                                                6E  D6 0006C          INCL    WORK_PTR                                        ; 0360
                                             52 02  D0 0006E          MOVL    #2, @WORK_LENGTH                                ; 0362
                                             0A DD  00071             PUSHL   #10
                                          04 AE  9F 00073             PUSHAB  WORK_PTR
                                       7E 00000000G  EF 3C 00076      MOVZWL  PAGEN+14, -(SP)
                                 00000000G EF  03 FB 0007D            CALLS   #3, PACBAS
                                             52 50  C0 00084          ADDL2   R0, WORK_LENGTH
                                          00 BE  20 90 00087          MOVB    #32, @WORK_PTR                                  ; 0364
                                                6E  D6 0008B          INCL    WORK_PTR
                                          00 BE  2D 90 0008D          MOVB    #45, @WORK_PTR                                  ; 0365
                                                6E  D6 00091          INCL    WORK_PTR
                                             52 02  C0 00093          ADDL2   #2, @WORK_LENGTH                                ; 0366
                                                12 11 00096          BRB     3$                                              ; 0353
                                                5E  DD 00098 2$:     PUSHL   SP                                              ; 0370
                                       00000000G EF  9F 0009A        PUSHAB  PAGEN
                                 00000000G EF  02 FB 000A0           CALLS   #2, PACPAG
                                             52 50  D0 000A7          MOVL    R0, WORK_LENGTH
                                       00000000G FF  DD 000AA 3$:    PUSHL   @GCA+140                                        ; 0373
                                                52  DD 000B0        PUSHL   WORK_LENGTH
                                             0C AE  9F 000B2         PUSHAB  WORK_AREA
                                 00000000G EF  03 FB 000B5           CALLS   #3, @UTTXT
                                          00 B5  53 D0 000BC         MOVL    HOLD_PAGING, @PHAN+40                           ; 0377
                                          D8 A5  54 D0 000C0         MOVL    HOLD_TOP_PAGE, PHAN                             ; 0378
                                                 04 000C4            RET                                                     ; 0379

; Routine Size:  197 bytes,    Routine Base:  $CODE$ + 0056

;  254          0380  1
;  255          0381  1 END                                    !End of module BOTPAG
;  256          0382  0 ELUDOM
```

```
                                PSECT SUMMARY

     Name                       Bytes                          Attributes

$CODE$                            283  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)


                            Library Statistics

                                        --------- Symbols ---------      Pages       Processing
     File                               Total     Loaded    Percent      Mapped      Time

_$255$DUA28:[SYSLIB]XPORT.L32;1           590          0          0         252       00:00.1
_$255$DUA28:[RUNOFF.SRC]DSRLIB.L32;1     1248         26          2          86       00:00.2
```

```
;                                       COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:BOTPAG/OBJ=OBJ$:BOTPAG MSRC$:BOTPAG/UPDATE=(ENH$:BOTPAG)

; Size:         283 code + 0 data bytes
; Run Time:       00:06.4
; Elapsed Time:   00:18.2
; Lines/CPU Min:   3581
; Lexemes/CPU-Min: 16096
; Memory Used:  67 pages
; Compilation Complete
```

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

BARS
LIS

SETCAS
REQ

VR
REQ

ALINE
LIS

CARAGE
LIS

SAVSTK
REQ

AREC
LIS

TOCRTY
REQ

XTNTAB
REQ

CAPTION
LIS

CLH
LIS

SCA
REQ

BOTPAG
LIS

TPROB
REQ

CNTVMSREQ
R32

TSF
REQ

NDXVMSREQ
R32

SAVE
REQ

CENTXT
LIS